SUBMISSION ID: 566062

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 581 MONITORING PERIOD :

2016-02-01 To: 2016-02-29

REPORTING LAB: Masi Environmental

ANALYST: C. Davis

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphoru Total In Slud	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-02-01							
2016-02-02							
2016-02-03		***************************************					
2016-02-04	***************************************	unnonnannannannannannannannannannannan			***************************************	<b></b>	
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24		***************************************					
2016-02-25							
2016-02-26		annocanannocanannocanannocanannocanannocanan	***************************************				
2016-02-27							
2016-02-28						<u></u>	
2016-02-29							
Minimum						34200.0	13000.0
Maximum						34200.0	13000.0
Average						34200	13000
Count						1	1
	ative familia	y under the per ersonally exam r with the infor ted herein and	ined and am rmation	; I Signature o Authori	f Responsible zed Represent	Official or	Submission Date/Time
Bruce B	inquiry immed the info submit and cor are sign false in	iduals ble for obtainin leve the	te			Certification Version Date 2016-03- 18 13:03	

Page 1

SUBMISSION ID: 566062

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

rairborn, OH 4

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 583 MONITORING PERIOD:

| 2016-02-01 To: 2016-02-29 | REPORTING LAB: | Masi Environmental

EPORTING LAB: Masi Environmental NALYST: C. Davis

ANALYST: C. Da
NO DISCHARGE INDICATOR: AL

01000	<b>3</b> 000000000000000000000000000000000000	Sludge	Sludge	Sludge	Sludge	In Sludge
01003	01028	01043	01052	01068	01093	01148
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
Composite	Composite	Composite	Composite	Composite	Composite	Composite
	***************************************					
	***************************************					
	***************************************					
***************************************	***************************************				***************************************	
	***************************************		***************************************			***************************************
	***************************************					
14.0	1.0	388.0	7.0	12.0	615.0	5.0
14.0	1.0	388.0	7.0	12.0	615.0	5.0
14	1	388	7	12	615	5
1	1	1	1	1	1	1
t <b>horized <sub>have p</sub> ative</b> familia	ersonally exami r with the infor	ined and am mation		Signature of Responsible Official or Authorized Representative		
inquiry immed the inf submit and co are sig false in	y of those indivi liately responsil ormation, I beli ted information mplete. I am aw nificant penalti nformation, incl	duals ble for obtaining eve the is true, accurate are that there es for submitting uding the	Э			Certification Version Date 2016-03- 18 13:03
	14.0 14.0 14.0 14 thorized have planting in quiry immeditation in the infinity and coare signal false in false in the infinity and coare signal false signal false signal false signal false signal false signal fals	14.0 1.0 14 1	1/Month 1/Month 1/Month  Composite Composite Composite  14.0 1.0 388.0  14.0 1.0 388.0  14 1 388  1 1 1  Consible Ithorized artive Individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there	1/Month 1/Month 1/Month 1/Month Composite Comp	1.4.0 1.0 388.0 7.0 12.0 14.0 1.1 388.0 7.0 12.0 14.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14.0 1.0 388.0 7.0 12.0 615.0 14.0 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

STATUS:

SUBMISSION ID: 566062

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO** 

PERMIT NUMBER:

1IN00305\*AD

STATION CODE: MONITORING PERIOD:

2016-02-01 To: 2016-02-29 **REPORTING LAB:** 

Original

Masi Environmental

ANALYST: C. Davis **NO DISCHARGE INDICATOR:** ΑL

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenur Sludge	n In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING					· .		
TYPE	Composite	Total	Total	Composite	Composite	Composit	e
2016-02-01							
2016-02-02							
2016-02-03							
2016-02-04	<u></u>	***************************************					
2016-02-05						<b></b>	
2016-02-06							
2016-02-07						<b></b>	
2016-02-08			-				
2016-02-09		~~~~	<b>-</b>	***************************************	***************************************		
2016-02-10			-				
2016-02-11			-			<b></b>	
2016-02-12							
2016-02-13							
2016-02-14			_				
2016-02-15			<b>-</b>			<b></b>	
2016-02-16			<u> </u>				
2016-02-17							
2016-02-18	<b>!</b>		<b>_</b>	<b></b>		<b></b>	
2016-02-19 2016-02-20	<u> </u>					<b></b>	
2016-02-20	<b></b>						
2016-02-21						<b></b>	
2016-02-22							
2016-02-24	<b></b>	***************************************		***************************************	***************************************	<b></b>	
2016-02-24			<b>-</b>				
2016-02-25			-				
2016-02-27							
2016-02-28							
2016-02-29	<b></b>						
Minimum	59452.0			6.88	0.03	9.0	
Maximum	59452.0			6,88	0.03	9.0	
Average	59452			6.88	0.03	9	
Count	1			1	1	1	
Name of Resp Official or Aut Represent	horized have pe ative familia	y under the pe ersonally exan r with the info ted herein and	rmation		f Responsible ( ized Represent		Submission Date/Time
Bruce B	inquiry immedi the info submitt and cor	of those individually responsible from the following of the following from the following	viduals ible for obtaining ieve the	ce			Certification Version Date 2016-03-
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**SUBMISSION ID:** 566062 **STATUS:** Original

FACILITY:
Dovetail Energy LLC - Anaerobic Digestion Facility

PERMIT NUMBER: 11N00305\*AD

**LOCATION:** 1146 Herr Rd **STATION CODE:** 584

Fairborn, OH 45324 MONITORING PERIOD : 2016-02-01 To: 2016-02-29

COUNTY: Greene REPORTING LAB: DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

				O DISCHARGE II	IDICATON.	AL	
PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-02-01		000000000000000000000000000000000000000					
2016-02-02							
2016-02-03							
2016-02-04							
2016-02-05							
2016-02-06							
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2016-02-23						<u> </u>	
2016-02-24							
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28				***************************************			
2016-02-29							
Minimum							
Maximum							
Average		900000000000000000000000000000000000000					100001000000000000000000000000000000000
Count		***************************************					
Name of Resp	Brannina.	y under the per ersonally exam r with the infor ted herein and	ined and am rmation	;   Signature o Author	f Responsible ized Represent		Submission Date/Time
Bruce B	inquiry immed the info submit and cor are sign false in	of those indivited of those individual of the contraction, I belied information of the contraction of the co	iduals ble for obtainin eve the is true, accura vare that there es for submittin luding the	te			Certification Version Date 2016-03- 18 13:03

**SUBMISSION ID:** 566062 **STATUS:** 

COUNTY:

FACILITY:
Dovetail Energy LLC - Anaerobic Digestion Facility

PERMIT NUMBER: 11N00305\*AD

LOCATION: 1146 Herr Rd STATION CODE: 584

Fairborn, OH 45324 MONITORING PERIOD : 2016-02-01 To: 2016-02-29

Original

Greene REPORTING LAB:

DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

			NC	DISCHARGE I	NDICATOR:	AL	
PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	In Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	100000000000000000000000000000000000000
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2016-02-01	000000000000000000000000000000000000000	000000000000000000000000000000000000000			000000000000000000000000000000000000000	000000000000000000000000000000000000000	100000000000000000000000000000000000000
2016-02-02							
2016-02-03							
2016-02-04							
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2016-02-06							
2016-02-07							
2016-02-08							
2016-02-09	***************************************	***************************************					
2016-02-10	***************************************						
2016-02-11	***************************************		ļ				
2016-02-12							
2016-02-13	***************************************						
2016-02-14	***************************************	***************************************		***************************************		***************************************	
2016-02-15							
2016-02-16	***************************************						
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20			<u> </u>				
2016-02-21			<b></b>				
2016-02-22							
2016-02-23	Managana na ma	************************************		***************************************			
2016-02-24			<u> </u>				
2016-02-25			<u> </u>				
2016-02-26 2016-02-27							
2016-02-27	***************************************		<u> </u>				
2016-02-28			<b></b>				
				***************************************			
Minimum							
Maximum							
Average							
Count							
Name of Resp Official or Aut Representa	horized <sub>have p</sub> itive <sub>familia</sub>	y under the per ersonally exam r with the infor ted herein and	rmation	Signature of Author	of Responsible ( ized Represent		Submission Date/Time
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				Э			Certification Version Date 2016-03- 18 13:03

SUBMISSION ID: 566062 STATUS:

FACILITY:
Dovetail Energy LLC - Anaerobic Digestion Facility

PERMIT NUMBER: 11N00305\*AD

**LOCATION:** 1146 Herr Rd **STATION CODE:** 584

Fairborn, OH 45324 MONITORING PERIOD : 2016-02-01 To: 2016-02-29

Original

COUNTY: Greene REPORTING LAB:

DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

				O DISCHARGE I		AL	
PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge		
PARAMETER CODE	31641	51129	70316	71921	78465		
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg		
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month		
SAMPLING TYPE	Multiple Grab	Total	Total	Composite	Composite		
2016-02-01	000000000000000000000000000000000000000			***************************************		000000000000000000000000000000000000000	**************************************
2016-02-02							
2016-02-03							
2016-02-04							
2016-02-05							
2016-02-06							
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2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum							
Maximum		000000000000000000000000000000000000000				000000000000000000000000000000000000000	
Average							
Count							
Name of Responsible I certify under the penalty of law that Official or Authorized have personally examined and am familiar with the information submitted herein and based on my				of Responsible ( ized Represent		Submission Date/Time	
Inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			ce			Certification Version Date 2016-03- 18 13:03	

**FACILITY:**Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER: MONITORING PERIOD : 1IN00305\*AD

2016-02-01 To: 2016-02-29

Fairborn, OH 45324

### **PARAMETER COMMENTS:**

Station Parameter Parameter Code Name Code	Date	Unit	Comment
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